

## 32-4124: Canine Leucine-Rich Alpha-2-Glycoprotein 1

**Alternative Name :** Leucine-rich alpha-2-glycoprotein,LRG,LRG1,FLJ45787,HMFT1766.

### Description

Source : Canine Serum. The Canine LRG1 produced from pooled Canine Serum has a molecular mass of 38.129kDa (calculated without glycosylation) containing 347 amino acid residues. LRG1 belongs to the leucine-rich repeat (LRR) family of proteins, which have been shown to be involved in protein-protein interaction, signal transduction, and cell adhesion and development. The LRG1 is expressed during granulocyte differentiation.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	LRG1 protein filtered (0.4µm) and lyophilized in 0.5mg/ml in 20mM TRIS and 50mM NaCl, pH 8.0.
<b>Storage condition :</b>	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Amino Acid :</b>	MSPWSPERSQ SPGGSSSHLS KTLLELLFSV ASAQGVTPDR DTCLVFPSSN GSSVSCHPA KLPHHFPSDT VHLVVEFFNL TQLRPDTLQG VSNLQELHLS TNQLESLSPK LLLPVPLLKV LDLTRNALTQ LPPGLFRVSA ALHTLVLKEN RLEVLEPSWL CGLKALGHLD LSGNHLQTL PGLLANVTAL RILDLSNNQL KTLPLDLLRG PLQLERLHLE GNRLQVLEEG LLAPQPGLRY LFLSDNKLAA VAAGAFRGLQ QLDMLDLSNN SLTSVPKGLW TSLGQPTRDM EDGFDISGNP WICDHNLDDL YRWLVANKDK MFSRNDTRCA RPEALKGQTL LEAAESH.

### Application Note

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

